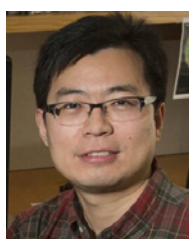


**Thursday, October 27, 2022**

11:00am–11:45am

**Lijun Liu**

CAS Associate 2021–22, Geology

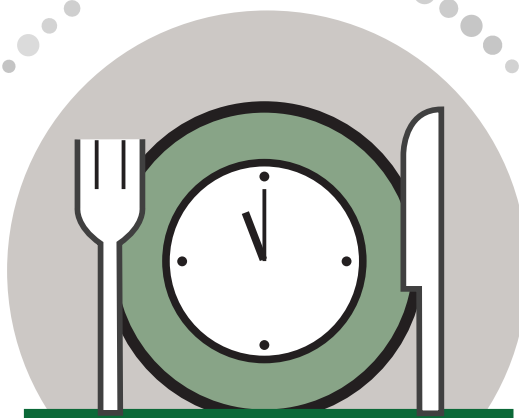
*Structure and Evolution of the  
Continental Lithosphere*

Continents are considered buoyant tectonic units that have been passively drifting at Earth's surface since their formation in the geological past. However, many lines of evidence suggest that the seemingly stable continents actually deformed and evolved over time. Professor Liu will investigate this paradox and its implications on Earth's environmental changes.

Noon–12:45pm

**Damien Guironnet**CAS Fellow 2021–22, Chemical & Biomolecular  
Engineering*Dealing with Plastic Waste: Upstream  
and Downstream Strategies*

Professor Guironnet will present on recent chemical advances made by his lab on how commodity plastic waste can be turned into valuable chemicals through two distinct strategies based on catalysis.

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THOUGHT**

This Center for Advanced Study public events series features presentations of research and creative projects by recent CAS Associates and Fellows.

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You are invited to drop in when you can and enjoy a bite to eat while you learn about the exciting projects undertaken by our faculty. A brunch buffet will be provided at all in-person events.

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